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#### SEQUENCE LISTING



- (i) APPLICANT: Daniell, Henry
- (ii) TITLE OF INVENTION: UNIVERSAL CHLOROPLAST INTEGRATION AND EXPRESSION VECTORS, TRANSFORMED PLANTS AND PRODUCTS THEREOF
- (iii) NUMBER OF SEQUENCES: 18
- (iv) CORRESPONDENCE ADDRESS:
  - (A) ADDRESSEE: WEISER & ASSOCIATES
  - (B) STREET: 230 South Fifteenth Street, Suite 500
  - (C) CITY: Philadelphia
  - (D) STATE: PA
  - (E) COUNTRY: USA
  - (F) ZIP: 19102
  - (v) COMPUTER READABLE FORM:
    - (A) MEDIUM TYPE: Floppy disk
    - (B) COMPUTER: IBM PC compatible
    - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
    - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
  - (A) APPLICATION NUMBER: US 09/079,640
  - (B) FILING DATE: 15-MAY-1998
  - (C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
  - (A) NAME: Weiser, Gerard J.
  - (B) REGISTRATION NUMBER: 19,763
  - (C) REFERENCE/DOCKET NUMBER: 922.6588P
  - (ix) TELECOMMUNICATION INFORMATION:
    - (A) TELEPHONE: 215-875-8383
    - (B) TELEFAX: 215-875-8394
- (2) INFORMATION FOR SEQ ID NO:1:
  - (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 2050 base pairs
    - (B) TYPE: nucleic acid
    - (C) STRANDEDNESS: single
    - (D) TOPOLOGY: linear
  - (ii) MOLECULE TYPE: DNA (genomic)
  - (vi) ORIGINAL SOURCE:
    - (A) ORGANISM: Soybean
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

120	GGTAGCCGTA	GTCGTAACAA	CTGGAGTGAA	GGGCTAGTGA	GCCGAAGGCA	AGAGGGGGAT
180	TGGGTAGTTT	TAATGCTTGT	CAGGGAGAGC	ACCTCCTTTT	CGGCTGGATC	CTGGAAGGTG
240	ATTTGGAGAT	TCTGAGTCAA	GCGAGTTATG	CCAAAAAGAA	TGCTTCACAC	AGTTTGACAC
300	TTATTATCCT	ACTCATGAGC	GTAAGACTAA	CGATGGTGAA	TTTCGTTTCT	GGAAGTCTTC
360	GAAAAAAGGA	ATATGGGGGT	TTTCACCCC	GAGCTACTTT	AAGTTGATAG	AGGTCGGAAC
420	AGGCCCGCAC	CCCCGGCGGG	GCATAGCGGG	CTTGCTTTTG	TGGGGTTTCT	AAGAGAGGGA
480	GTGCCTGGAC	TTGCGTCGTT	CCCCTGATAA	GTAGAGCGCG	TAGCTCAGTG	GACGGGCTAT
540	ACCCTGAGAT	TCGGCGCCTG	AATGTGCTCA	TGGATAGTTT	CTCAGCCACA	TGTGAGGGCT
600	GGGTTTGAAA	GTTTGAACCG	TACTTCTCCT	TAGCATGGCG	CAAGGCACAT	GTGGATCATC
660	GTAGATCCAA	GAGATCCAAT	CGATTCAGGT	ATAGATGGGG	CCTCAGGAGG	CCAAACTTAT
720	TCCTCTCTTC	CCACCACGGC	CCGGGGGGGA	TCCGGGCGAT	ACTCGTGGGA	CTTTCTCTTC
780	ACAGGTTTAG	TCTCTCGAGC	TGGACAGTTA	TATCAGTATA	ATACATCCCT	TCGAGAATTC
840	ACCAAGAACT	ATCTTCÁCAG	CTAACAACGT	AACGGAGCAC	AATGGAAAAA	GTTTGGCCTC
900	GCCTGGGAGC	TACCATTCGA	GGTGGGATCG	CTGGGGTGAC	CCCTTTCATT	ACGAGATCGC
960	ATAATGCCTT	GGAGGGTCTC	GGTTGTGCTA	GAGTGTCTAG	AAGGATCTTA	AGGTTTGAAA
1020	AGAAGGGGGA	ATGGTAAAGA	AAGACTTGCC	TTATTTCCCA	CTCATCGGAG	CCTTTTTCTT
1080	GGGAAGGATG	TGCTGCGTTC	GATAGTTGTA	CAGTACAACG	TTGGAGAGCG	ACAAGCACAC
1140	TAGGTGCGAT	GGTTGGACTG	TCTCCCAATT	CTATTGATTC	GAAAAGGAAT	AATCGCTCCC
1200	GCGTCAAGGA	TGGCCCAGCT	AAGTCCAAGA	TCTCTGGTTC	ACGGGCGAGG	GATTTACTTC
1260	GGGGGATATA	ACTCGGCTCG	TGCATGCTCC	GACTCCTTCA	AAACTGACTT	AAAGAATAGA
1320	TTGGATGTCT	CGATTACGGG	TGGGTCGTTG	CTCTTGCAAT	TAGAGCTCCG	GCTCAGTTGG
1380	TTTTTCTAAG	GGTGGCTCAC	TACCTGAACC	TAGTATCTTG	GCGGTAATGA	AATTGTCTAG
1440	AGACGGGCTG	ACTGAGACAA	GAAAGACTCT	ACATGCCACT	GAGGACCGAA	TAATGGGAAA
1500	TCGTACATGG	CTAGTATGGA	TTGGTCAGAT	GGATGGGCAG	AGAGGAGGTA	TCAAGAACGT
1560	GGGGAAGAGG	TTGGGATCCT	GTTTCCTCAT	CTCTCCTAGG	GAGTCGGTGG	ACGGTAGTTG
1620	TTGAGCGAAA	CTTCAACCCT	CACTATCTCC	CAGCTTGATG	CCCTTGCGAA	ATCAAGCTGG
1680	GTAGGAACTA	TCTCCACCCC	GACCCCATCG	TCCATGGACC	GGAAAAAGAA	TGTGGCAAAA
1740	ATAGAACCCT	CGGACCGACC	CCAGGGGTCG	CCTTCGGCAT	CCAAGGAACG	CGAGATCACC
1800	GGTCGGAGAA	GGACAGTAAG	CTCTCAGGTT	TAGCTATCCG	CGGAACGCAT	GTTCAAAAAG
1860	GAGATTTTGA	AGCACCTTTT	ATTCCAACTC	TTAGAATGGG	TCATTCTTAG	GGGCAATCAC
1920	TCGGGGGGGA	TGAGCTGTGT	ATGAAAGTTG	GCACAGTACG	TCTTTGGAGA	GAAGAGTTGC

GTTATTGTCT ATCGTTGGCC TCTATGGTAG AATCAGTCGG GGCCTGAGAG GCGGTGGTTT 1980

ACCCTGTGGC GGATGTCAGC GGTTCGAGTC CGCTTATCTC CAACTCGTGA ACTTAGTCGA 2040

TACAAAGCTA 2050

#### (2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 2103 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: DNA (genomic)
- (vi) ORIGINAL SOURCE:
  - (A) ORGANISM: Tobacco

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

GTACACCCG CCCGTCACAC TATGGGAGCT GGCCATGCCC GAAGTCGTTA CCTTAACCGC 60 AAGGAGGGG ATGCCGAAGG CAGGGCTAGT GACTGGAGTG AAGTCGTAAC AAGGTAGCCG 120 TACTGGAAGG TGCGGCTGGA TCACCTCCTT TTCAGGGAGA GCTAATGCTT GTTGGGTATT 180 TTGGTTTGAC ACTGCTTCAC ACCCCCAAAA AAAAGAAGGG AGCTACGTCT GAGTTAAACT 240 TGGAGATGGA AGTCTTCTTT CCTTTCTCGA CGGTGAAGTA AGACCAGCTC ATGAGCTTAT 300 TATCCTAGGT CGGAACAAGT TGATAGGACC CCCTTTTTTA CGTCCCCATG TTCCCCCCGT 360 GTGGCGACAT GGGGCGAAAA AAGGAAAGAG AGGGATGGGG TTTCTCTCGC TTTTGGCATA 420 GCGGGCCCCC AGTGGGAGGC TCGCACGACG GGCTATTAGC TCAGTGGTAG AGCGCGCCCC 480 TGATAATTGC GTCGTTGTGC CTGGGCTGTG AGGGCCTCTC AGCCACATGG ATAGTTCAAT 540 GTGCTCATCG GCGCCTGACC CTGAGATGTG GATCATCCAA GGCACATTAG CATGGCGTAC 600 TCCTCCTGTT CGAACCGGGG TTTGAAACCA AACTCCTCCT CAGGAGGATA GATGGGGCGA 660 TTCGGGTGAG ATCCAATGTA GATCCAACTT TCGATTCACT CGTGGGATCC GGGCGGTCCG 720 GGGGGACCAC CACGGCTCCT CTCTTCTCGA GAATCCATAC ATCCCTTATC AGTGTATGGA 780 CAGCTATCTC TCGAGCACAG GTTTAGCAAT GGGAAAATAA AATGGAGCAC CTAACAACGC 840 ATCTTCACAG ACCAAGAACT ACGAGATCGC CCCTTTCATT CTGGGGTGAC GGAGGGATCG 900 TACCATTCGA GCCGTTTTTT TCTTGACTCG AAATGGGAGC AGGTTTGAAA AAGGATCTTA 960 GAGTGTCTAG GGTTGGGCCA GGAGGGTCTC TTAACGCCTT CTTTTTCTT CTCATCGGAG 1020 TTATTTCACA AAGACTTGCC AGGGTAAGGA AGAAGGGGGG AACAAGCACA CTTGGAGAGC 1080 GCAGTACAAC GGAGAGTTGT ATGCTGCGTT CGGGAAGGAT GAATCGCTCC CGAAAAGGAA 1140 TCTATTGATT CTCTCCCAAT TGGTTGGACC GTAGGTGCGA TGATTTACTT CACGGGCGAG 1200 GTCTCTGGTT CAAGTCCAGG ATGGCCCAGC TGCGCCAGGG AAAAGAATAG AAGAAGCATC 1260 TGACTACTTC ATGCATGCTC CACTTGGCTC GGGGGGATAT AGCTCAGTTG GTAGAGCTCC 1320 GCTCTTGCAA TTGGGTCGTT GCGATTACGG GTTGGATGTC TAATTGTCCA GGCGGTAATG 1380 ATAGTATCTT GTACCTGAAC CGGTGGCTCA CTTTTTCTAA GTAATGGGGA AGAGGACCGA 1440 AACGTGCCAC TGAAAGACTC TACTGAGACA AAGATGGGCT GTCAAGAACG TAGAGGAGGT 1500 AGGATGGGCA GTTGGTCAGA TCTAGTATGG ATCGTACATG GACGGTAGTT GGAGTCGGCG 1560 GCTCTCCCAG GGTTCCCTCA TCTGAGATCT CTGGGGAAGA GGATCAAGTT GGCCCTTGCG 1620 AACAGCTTGA TGCACTATCT CCCTTCAACC CTTTGAGCGA AATGCGGCAA AAGAAAAGGA 1680 AGGAAAATCC ATGGACCGAC CCCATCATCT CCACCCCGTA GGAACTACGA GATCACCCCA 1740 AGGAACGCCT TCGGCATCCA GGGGTCACGG ACCGACCATA GAACCCTGTT CAATAAGTGG 1800 AACGCATTAG CTGTCCGCTC TCAGGTTGGG CAGTCAGGGT CGGAGAAGGG CAATGACTCA 1860 TTCTTAGTTA GAATGGGATT CCAACTCAGC ACCTTTTGAG TGAGATTTTG AGAAGAGTTG 1920 CTCTTTGGAG AGCACAGTAC GATGAAAGTT GTAAGCTGTG TTCGGGGGGG AGTTATTGTC 1980 TATCGTTGGC CTCTATGGTA GAATCAGTCG GGGGACCTGA GAGGCGGTGG TTTACCCTGC 2040 GGCGGATGTC AGCGGTTCGA GTCCGCTTAT CTCCAACTCG TGAACTTAGC CGATACAAAG 2100 CTT 2103

### (2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 2103 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: DNA (genomic)
- (vi) ORIGINAL SOURCE:
  - (A) ORGANISM: Maize

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

GTACACACC CCCGTCACAC TATAGGAGCT GGCCAGGTTT GAAGTCATTA CCCTTAACCG 60
TAAGGAGGGG GATGCCTAAG GCTAGGCTTG CGACTGGAGT GAAGTCGTAA CAAGGTAGCC 120
GTACTGGAAG GTGCGCTGG ATCACCTCCT TTTCAGGGAG AGCTAAGTCT TATGCTTATT 180
GGGTATTTTG GTTTGACACT GCTTCACGCC CAAAAAGAAG GCAGCTACGT CTGAGCTAAA 240
CTTGGATATG GAAGTCTTCT TTCGTTTAGG GTGAAGTAAG ACCAAGCTCA TGAGCTTATT 300

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ATCCTAGGTC	GGAACAAATT	AGTTGATAGT	GATAGGATCC	CCTTTTTGAC	GTCCCCATGT	360
CCCCCGTGT	GGCGGCATGG	GGATGTCAAA	AGGAAAGGGA	TGGAGTTTTT	CTCGCTTTTG	420
GCGTAGCGGC	CTCCCTTTGG	GAGGCCGCGC	GACGGGCTAT	TAGCTCAGTG	GTAGAGCGCG	480
CCCCTGATAA	TTCGTCGTTG	TGCCTCGGCT	GTGAGGGCTC	TCAGCCACAT	GGATAGTTCA	540
ATGTGCTCAT	CAGCGCCTGA	CCCGAAGATG	TGGATCATCC	AAGGCACATT	AGCATGGCGT	600
ACTCCTCCTG	TTTGAATCGG	AGTTTGAAAC	CAAACAAACT	TCTCCTCAGG	AGGATAGATG	660
GGGCGATTCA	GGTGAGATCC	CATGTAGATC	GAACTTTCTA	TTCACTCGTG	GGATCCGGGC	720
GGTCCGGGGG	GGGGCCACCG	GGGCTCCTCT	CTTCTCGAGA	ATCCATACAT	CCCTTATCAG	780
TGTATGGAGA	GCTATCTCTC	GAGCACAGGT	TGAGGTTCGT	CCTCAATGGG	AAAATGGAGC	840
ACCTAACAAC	GCATCTTCAC	AGACCAAGAA	CTACGAGATC	ACCCCTTTCA	TTCTGGGGTG	900
ACGGAGGGAT	CGTACCATTC	GAGCCCTTGA	CTCGAAATGG	GAGCAGAGCA	GGTTTGAAAA	960
AGGATCTTAG	AGTGTCTAGG	GTTGGGCCAG	GAGGGTCTCT	TAACCCCTTC	TTTTTTCTGC	1020
CCATCGGAGT	TATTTCCCAA	GGACTTGCCG	TGGTAAGGGG	GAGAAGGGGG	AAGAAGCACA	1080
CTTGAAGAGC	GCAGTACAAC	GGGGAGTTGT	ATGCTGCGTT	CGGGAAGGAT	GGATCGCTCC	1140
CGAAAAGGAG	TCTATTGATT	CTCTCCCAAT	TGGTTGGATC	GTAGGGGCGA	TGATTTACTT	1200
CACGGGCGAG	GTCTCTGGTT	CAAGTCCAGG	ATGGCCCAGC	TGCGCAGGGA	AAAGAATAGA	1260
AGAAGCATCT	GACTCTTTCA	TGCATACTCC	ACTTGGCTCG	GGGGGGATAT	AGCTCAGTTG	1320
GTAGAGCTCC	GCTCTTGCAA	TTGGGTCGTT	GCGATTACGG	GTTGGCTGTC	TAATTGTCCA	1380
GGCGGTAATG	ATAGTATCTT	GTACCTGAAC	CGGTGGCTCA	CTTTTTCTAA	GTAATGGGGA	1440
AGAGGACTGA	AACATGCCAC	TGAAAGACTC	TACTGAGACA	AAAAGATGGG	CTGTCAAAAA	1500
GGTAGAGGAG	GTAGGATGGG	CAGTTGGTCA	GATCTAGTAT	GGATCGTACA	TGGACGATAG	1560
TTGGAGTCGG	CGGCTCTCCT	AGGCTTCCCT	CATCTGGGAT	CCCTGGGGAA	GAGGATCAAG	1620
TTGGCCCTTG	CGAATAGCTT	GATGCACTAT	CTCCCTTCAA	CCCTTTGAGC	GAAATGTGGC	1680
AAAAGGAAGG	AAAATCCATG	GACCGACCCC	ATTGTCTCCA	CCCCGTAGGA	ACTACGAGAT	1740
CACCCCAAGG	AGTTCGTCCT	CAATGGGGGT	CTATCGGACC	GACCATAGAT	CCTGTTCAAT	18.00
AAGTGGAACA	CAATAGCCGT	CCGCTCTCCG	GTTGGGCAGT	AAGGGTCGGA	GGAGGGCAAT	1860
CACTCGTTCT	TATTAGAATG	GGATTCCAAC	TCAGCACCTT	TTGTTTTGGG	ATTTTGAGAA	1920
GAGTTGCTCT	TTGGAGAGCA	CAGTACGATG	AAAGTTGTAA	GCTGTGTTCG	GGGGGGAGTT	1980
ATTGCCTATC	GTTGTCCTCT	ATGGTAGAAC	CCGTCGGGGA	GGCCTGAGAG	GCGGTGGTTT	2040
ACCCTGTGGC	GGATGTCAGC	GGTTCGAGTC	CGCTTATCTC	CAGCCCGTGA	ACTTAGCGGA	2100

IAC	2103
(2) INFORMATION FOR SEQ ID NO:4:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 50 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (genomic)	
(vi) ORIGINAL SOURCE:  (A) ORGANISM: Epifagus	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:	
GCTGCGCTAG GAAAAAATA TAAAAAGCAT CTGATTACTT CATGCATGCT	50
(2) INFORMATION FOR SEQ ID NO:5:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 64 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (genomic)	
(vi) ORIGINAL SOURCE: (A) ORGANISM: Tobacco	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
GCTGCGCCAG GGAAAAGAAT AGAAGAAGCA TCTGACTACT TCATGCATGC TCCACTTGGC	60
TCGG	64
(2) INFORMATION FOR SEQ ID NO:6:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 64 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	•
(ii) MOLECULE TYPE: DNA (genomic)	,
<pre>(vi) ORIGINAL SOURCE:     (A) ORGANISM: Helianthus</pre>	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:	
CGTGCGCCAG GGAAAAGAAT AGAAGAAGCG TCTGACTCCT TCATGCATGC TCCACTTGGC	60

TCGG	64
(2) INFORMATION FOR SEQ ID NO:7:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 64 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (genomic)	
(vi) ORIGINAL SOURCE: (A) ORGANISM: Oenothera	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:	
GCTGCGCAAA GGAAAAGAAT AGAAGAAGCA TCTGACTCCT TCATGCATGC TCCACTTGGC	60
TCGG	64
(2) INFORMATION FOR SEQ ID NO:8:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 64 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (genomic)	
(vi) ORIGINAL SOURCE: (A) ORGANISM: Alnus	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:	
GCTGCGCCAA GTAAAAGAAT AGAAGAAGCA TCTGACTCCT TCATGCATGC TCCACTTGGC	.60
TCGG	64
(2) INFORMATION FOR SEQ ID NO:9:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 64 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (genomic)	
(vi) ORIGINAL SOURCE: (A) ORGANISM: Rice	
(vi) SEQUENCE DESCRIPTION, CEO ID NO O	

GCTG	GCGCCAG GGAAAAGAAT AGAAGAAGCA TCTGACTCTT TCATGCATAC TCCACTTGGC	60
TCGG	3	64
(2)	INFORMATION FOR SEQ ID NO:10:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 63 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
	(vi) ORIGINAL SOURCE: (A) ORGANISM: Maize	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:	
GCT	GCGCAGG GAAAAGAATA GAAGAAGCAT CTGACTCTTT CATGCATACT CCACTTGGCT	60
CGG		63
(2)	INFORMATION FOR SEQ ID NO:11:	•
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 64 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
	(vi) ORIGINAL SOURCE: (A) ORGANISM: Soybean	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:	
GCT	GCGTCAA GGAAAAGAAT AGAAAACTGA CTTGACTCCT TCATGCATGC TCCACTCGGC	60
TCG	G	64
(2)	INFORMATION FOR SEQ ID NO:12:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 65 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
•	(vi) ORIGINAL SOURCE: (A) ORGANISM: Pea	

( )	xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:	
GCTGCG	GCCAA GGAAAAGACT AAAAGACGGA TTTGACTCCT TCATGCATGC TCCAACTTGG	60
CTCGG		65
(2) IN	NFORMATION FOR SEQ ID NO:13:	
(	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 64 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(i	ii) MOLECULE TYPE: DNA (genomic)	
(7)	vi) ORIGINAL SOURCE: (A) ORGANISM: Spinach	
( )	xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:	
ACTGC	GCCAA GAATAAGAAT CGAAGAAGCG TCTGACTCCT TCATGCATGC TCCACTTGGC	60
TCGG		64
(2) IN	NFORMATION FOR SEQ ID NO:14:	
(	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 10 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(i	ii) MOLECULE TYPE: DNA (genomic)	
()	xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:	
CGCCAG	GGGAA	10
(2) IN	NFORMATION FOR SEQ ID NO:15:	
(	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 64 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(i	ii) MOLECULE TYPE: DNA (genomic)	
(7)	vi) ORIGINAL SOURCE: (A) ORGANISM: Tobacco	
(х	xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:	

60

CCGAGCCAAG TGGAGCATGC ATGAAGTAGT CAGATGCTTC TTCTATTCTT TTCCCTGGCG

CAGO			64
(2)	INFO	RMATION FOR SEQ ID NO:16:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 64 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (genomic)	
	(vi)	ORIGINAL SOURCE: (A) ORGANISM: Cuscuta	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:16:	
CCGF	AGCCA	AG TGGAGCATGC ATGAAGTAGT CAGATACTTC TTCGATTCTT TTCCCTGGCG	60
CAGO			64
(2)	INFO	RMATION FOR SEQ ID NO:17:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 5 amino acids  (B) TYPE: amino acid  (C) STRANDEDNESS:  (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: peptide	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:17:	
	Gly 1	Val Gly Val Pro 5	
(2)	INFO	RMATION FOR SEQ ID NO:18:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 5 amino acids  (B) TYPE: amino acid  (C) STRANDEDNESS:  (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: peptide	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:18:	
	Val 1	Pro Gly Val Pro 5	